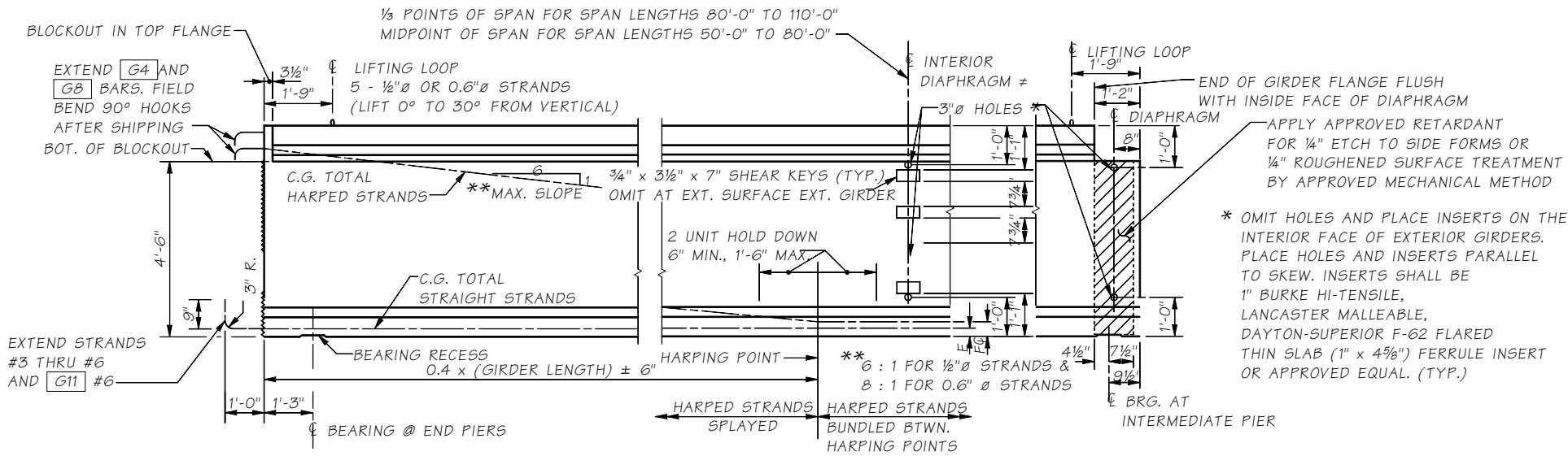
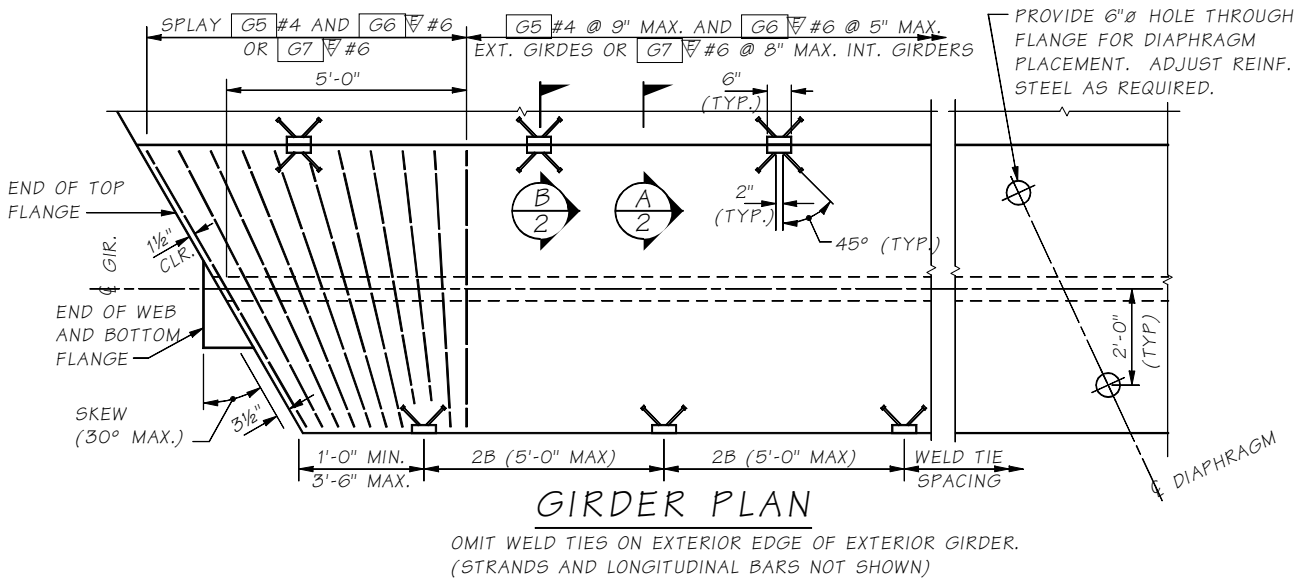


GENERAL NOTES

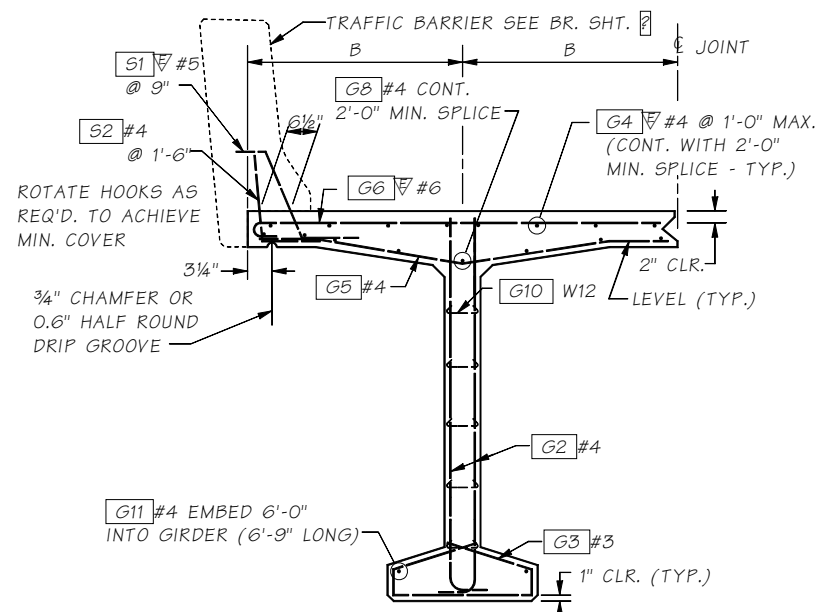
1. ALL DETAILS SHOWN PERTAIN ONLY TO THE 65 INCH DEEP GIRDER WITH THE 6'-0" GIRDER WIDTH SHOWN.
2. FORMS FOR THE BEARING PAD RECESSES SHALL BE CONSTRUCTED AND FASTENED IN SUCH A MANNER SO AS TO NOT CAUSE DAMAGE TO THE GIRDERS DURING THE STRAND RELEASE OPERATION.
3. SPAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE
4. ALL PRESTRESSING STRANDS SHALL BE 1/2 INCH OR 0.6 INCH Ø LOW RELAXATION SEVEN WIRE STRAND, AASHTO M203 GR. 270. ALL MILD STEEL REINFORCING SHALL BE AASHTO M31 GR. 60. ALL STUDS SHALL CONFORM TO STD. SPEC. SECTION 9-06.15. ALL OTHER STEEL SHALL BE AASHTO M183 AND SHALL BE PAINTED WITH 2 COATS OF STATE FORMULA A-9-73.
5. CUT ALL STRANDS FLUSH WITH THE GIRDER ENDS EXCEPT FOR THOSE SHOWN TO BE EXTENDED, AND PAINT ENDS OF FLUSH STRANDS WITH AN APPROVED EPOXY RESIN.
6. AFTER ERECTION, CUT OFF LIFTING LOOPS 1 INCH BELOW THE TOP OF THE FLANGE AND FILL WITH AN APPROVED GROUT PRIOR TO PLACING OF THE OVERLAY. ALL LIFTING STRANDS ARE TO BE OF THE SAME MATERIAL AND STRENGTH AS THE PRESTRESSING STRANDS. WRAP LIFTING LOOPS SO THAT EACH STRAND WILL CARRY IT'S SHARE OF THE TOTAL LOAD. EXTEND LIFTING LOOPS WITH 9 INCH LONG 90° HOOKS TO WITHIN 3 INCHES CLEAR OF THE BOTTOM OF THE GIRDER.



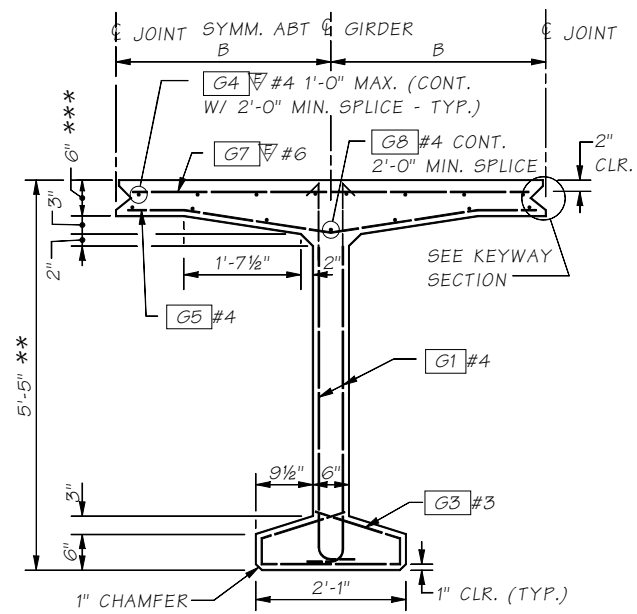
GIRDER ELEVATION



GIRDER PLAN

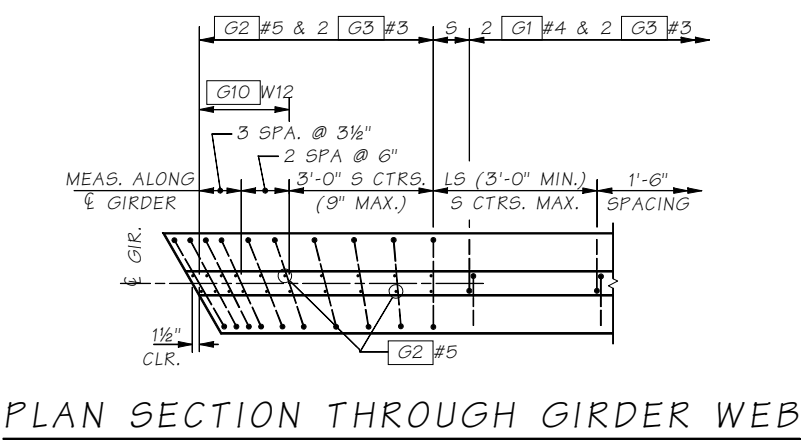


EXTERIOR GIRDER REINFORCING NEAR GIRDER END



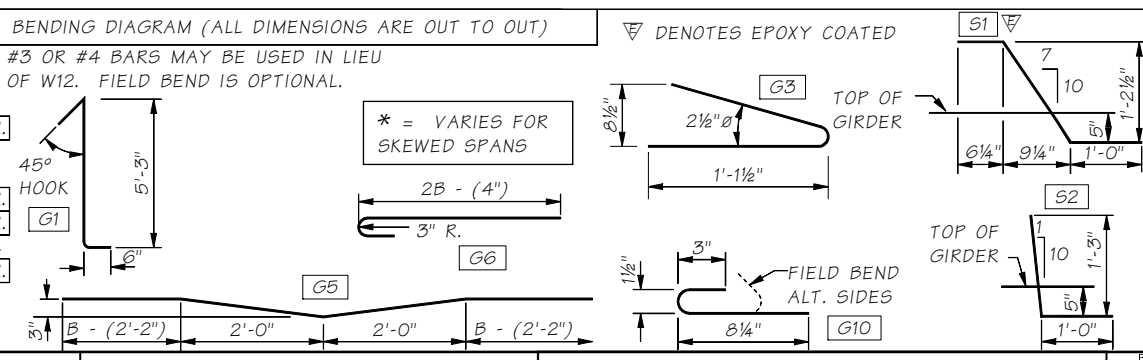
INTERIOR GIRDER REINFORCING NEAR MIDSPAN

*** THICKEN FLANGE TO COMPENSATE FOR SUPERELEVATION



PLAN SECTION THROUGH GIRDER WEB

MARK	LOCATION	SIZE	BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
G1	GIRDER STIRRUPS	4	Δ Δ #3 OR #4 BARS MAY BE USED IN LIEU OF W12. FIELD BEND IS OPTIONAL.
G2	GIRDER END STIRRUPS	5	
G3	BOTTOM FLANGE	3	45° HOOK
G4	TOP OF TOP FLANGE - LONGIT.	4 STR.	
G5	BOT. OF TOP FLANGE - TRANSV.	4	3" R.
G6	TOP TRANSV. - EXT. GIRDER	6	
G7	TOP TRANSV. - INT. GIRDER	6 STR.	FIELD BEND ALT. SIDES
G8	BOT. OF TOP FLANGE - LONGIT.	4 STR.	
G10	GIRDER END TIES	W12 Δ Δ	1'-0"
G11	GIRDER LONGIT.	6 STR.	
S1	T.B. TO DECK TIE	5	1'-0"
S2	T.B. TO DECK TIE	4	



Bridge Design Engr.	M:\STANDARDS\Girders\Deck Bulb Tee\W65DG1.man	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By						
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE AND STRUCTURES OFFICE

Washington State Department of Transportation

STANDARD PRESTRESSED CONCRETE GIRDERS

W65DG DECK BULB TEE GIRDER DETAILS 1 OF 2

BRIDGE SHEET NO. SHEET OF SHEETS

5.6-A27-1